

Int'l Appl. No. : PCT/JP03/00588  
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**REMARKS**

Claims 1 and 10-13 were amended previously at the international stage under PCT Article 34. Claims 10-12 have been amended herein to conform to U.S. practice. Further, the PCT information has been inserted in the specification. No new matter has been added. Applicant respectfully requests entry of the amendments.

Should the Examiner have any questions concerning this amendment, the Examiner is respectfully invited to contact the undersigned at the telephone number appearing below.

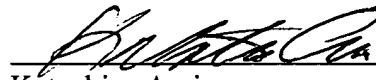
Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: July 23, 2004

By:



Katsuhiro Arai  
Registration No. 43,315  
Agent of Record  
Customer No. 20,995  
(949) 760-0404

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CLAIMS AMENDED UNDER PCT ARTICLE 34

The following amendments were made during the international phase of this application.

**1. Claims 1 and 10 to 13 were amended as follows:**

1. (amended) A radioprotective material which provides protection from at least one member selected from the group consisting of X-rays, gamma rays and electron beams, the radioprotective material comprising at least one member selected from the group consisting of collagens, keratins, silk fibroins and their derivatives.

10. (amended) Use of at least one member selected from the group consisting of collagens, keratins, silk fibroins and their derivatives as a radioprotective material which provides protection from at least one member selected from the group consisting of X-rays, gamma rays and electron beams.

11. (amended) Use of at least one member selected from the group consisting of collagens, keratins, silk fibroins and their derivatives for the production of a radioprotective material which provides protection from at least one member selected from the group consisting of X-rays, gamma rays and electron beams.

12. (amended) Use of at least one member selected from the group consisting of collagens, keratins, silk fibroins and their derivatives for the production of a radioprotective product which provides protection from at least one member selected from the group consisting of X-rays, gamma rays and electron beams.

13. (amended) A method for blocking or reducing the adverse effects of at least one type of radiation selected from the group consisting of X-rays, gamma rays and electron beams, the method comprising protecting a subject with a radioprotective material according to claim 1.

2.     **Claims 3 and 4 were deleted.**